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MINERAL INDUSTRY SURVEYS

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Iron and Steel Scrap, Monthly

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IRON AND STEEL SCRAP IN JUNE 1996

Returns from 62% of monthly respondents that manufacture pig iron and raw steel and castings, representing 33% of total scrap consumption by that sector, indicated that consumption of iron and steel scrap on a daily average basis in June 1996 rose slightly compared with that in May 1996, according to the U.S. Geological Survey. Compared with May 1996 data, daily average production fell 11%, and net receipts and stocks at the end of the month fell slightly.

On a daily average basis for manufacturers of pig iron and raw steel and castings, pig iron production rose 10%, and consumption rose 6% from that in May 1996. Stocks of pig iron at month's end fell 11% compared with those at the end of May 1996.

Exports of ferrous scrap for the month of May 1996 rose 4% compared with that in April 1996. South Korea was the principal country of destination, accounting for 33% of the total exports in May 1996, followed by Mexico with 15% and Canada with 15%.

Table 7 shows that, based on quantity, Boston, MA, was the leading customs district for exports in May 1996, accounting for 14% of total exports, followed by New York, NY, with 13% and San Francisco, CA, with 12%.

Table 10 reveals that, on a quantity basis, Detroit, MI, was the leading customs district for imports in May 1996, accounting for 57% of the total imports, followed by Seattle, WA, with 17% and Buffalo, NY, with 17%.

According to the American Iron and Steel Institute (AISI), domestic raw steel production in June 1996 amounted to 7,860,000 metric tons, down from 7,980,000 metric tons in May 1996, and rose 5% from 7,520,000 metric tons in June 1995. Year-to-date production through June 1996 was 47,900,000 metric tons, up slightly compared with 47,000,000 metric tons for the same period 1 year ago. The electric furnace portion of raw steel production for June 1996 was 41%, down slightly from that in May 1996, and up slightly from that in June 1995.

According to the AISI, raw steel capability utilization in June 1996 was 91%, up from that in May 1996, and up from that in June 1995. Continuous cast steel production in the United States accounted for 93% of total raw steel production in June 1996, and was unchanged from that in May 1996, and up from that in June 1995. Through May, continuous cast steel production represented 93% of total steel production in 1996 compared with 90% in 1995.

${\it TABLE~1}$ IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS 1/ FOR STEEL PRODUCERS 2/

(Thousand metric tons)

		June 1996			Year to date	
		Electric			Electric	
	Integrated	furnace	Total for	Integrated	furnace	Total for
	steel	steel	steel	steel	steel	steel
	producers 3/	producers 4/	producers	producers 3/	producers 4/	producers
Scrap:						
Receipts from dealers and other sources	660	2,600	3,300	4,000	16,000	20,000
Receipts from other own company plants	W	W	170	W	W	1,000
Production recirculating scrap	W	W	1,200	W	W	7,400
Production obsolete scrap	11	4	15	79	31	110
Consumption (by type of furnace):						
Blast furnace	140		140	910		910
Basic oxygen process	W	W	1,200	W	W	7,600
Electric furnace	W	W	3,200	W	W	19,000
Total consumption	1,400	3,200	4,600	8,500	19,000	27,000
Shipments	W	W	210	W	W	1,200
Stocks end of month	2,100	2,500	4,500	XX	XX	XX
Pig iron (includes hot metal):	-					
Receipts	960	110	1,100	4,100	800	4,900
Production	W	W	3,600	W	W	23,000
Consumption (by type of furnace):	= =====================================					
Basic oxygen process	W	W	W	W	W	W
Electric furnace	W	W	W	W	W	W
Total consumption	4,100	270	4,400	24,000	1,600	26,000
Shipments	(5/)		(5/)	(5/)		(5/)
Stocks end of month	180	340	520	XX	XX	XX
Direct-reduced iron: 6/	•					
Receipts	W	W	80	W	W	600
Consumption (by type of furnace):	•					-
Blast furnace	110		110	730		730
Basic oxygen process	(7/)		(7/)	(7/)		(7/)
Electric furnace	·	(5/)	(5/)		(5/)	(5/)
Total consumption	110	(5/)	110	730	(5/)	730
Shipments				(5/)		(5/)
Stocks end of month	W	W	130	XX	XX	XX

W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable.

representing 33% of scrap consumption; year to date is based on returns from 72% of respondents, representing 64% of scrap consumption.

^{1/} Data are rounded to two significant digits; may not add to totals shown.

^{2/} Includes manufacturers of raw steel that also produce steel castings. June 1996 is based on returns from 62% of monthly respondents,

^{3/} Includes data for electric furnaces operated by integrated steel producers.

^{4/} Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

^{5/} Withheld to avoid disclosing company proprietary data.

^{6/} Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

^{7/} Withheld to avoid disclosing company proprietary data; included in "Consumption: Blast furnace."

TABLE 2
RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, 1/ FOR STEEL PRODUCERS 2/

(Thousand metric tons)

		June 1996				Year to date	
	Receipts of scrap	Production of home			Receipts of scrap	Production of home	
	from brokers,	scrap (recirculating	Consumption of		from brokers,	scrap (recirculating	Consumption of
	dealers, and other	scrap resulting from	purchased and	Ending	dealers, and other	scrap resulting from	purchased and
Item	outside sources	current operations)	home scrap 3/	stocks	outside sources	current operations)	home scrap 3/
Carbon steel:						-	
Low-phosphorus plate and							
punchings	30		30	14	270	W	280
Cut structural and plate	280	72	350	310	1,700	400	2,100
No. 1 heavy melting steel	500	360	880	730	3,100	2,000	5,000
No. 2 heavy melting steel	380	35	450	490	2,300	250	2,600
No. 1 and electric furnace							
bundles	490	W	560	480	2,900	W	3,600
No. 2 and all other bundles	100	W	100	77	580	W	590
Electric furnace 1 foot and							
under (not bundles)	W	13	9	W	W	W	53
Railroad rails	11	W	16	4	68	W	89
Turnings and borings	170	10	200	94	980	70	1,100
Slag scrap	70	120	190	170	400	830	1,200
Shredded and fragmentized	560	W	710	480	3,200	W	4,100
No. 1 busheling	320	W	330	220	1,900	W	1,900
Steel cans (Post consumer)	19	-	22	W	110	(4/)	120
All other carbon steel scrap	150	240	380	370	900	1,600	2,400
Stainless steel scrap	48	56	96	42	310	250	560
Alloy steel scrap	14	36	54	61	91	210	350
Ingot mold and stool scrap	3	11	11	25	10	64	49
Machinery and cupola cast iron	6	W	W	5	34	W	W
Cast iron borings	16	W	16	W	110	W	100
Motor blocks	W		W	W	W		W
Other iron scrap	40	50	89	W	250	230	480
Other mixed scrap	67	37	120	W	410	220	620
Total	3,300	1,200	4,600	4,500	20,000	7,400	27,000

W Withheld to avoid disclosing company proprietary data; included in "Total."

^{1/} Data are rounded to two significant digits; may not add to totals shown.

^{2/} Includes manufacturers of raw steel that also produce steel castings.

^{3/} Includes recirculating scrap and home-generated obsolete scrap.

^{4/} Less than 1/2 unit.

TABLE 3 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP, 1/ BY REGION AND STATE, FOR STEEL PRODUCERS 2/

(Thousand metric tons)

		June 1996			Year to date	
	Receipts of scrap	Production of home		Receipts of scrap	Production of home	
	from brokers,	scrap (recirculating	Consumption of	from brokers,	scrap (recirculating	Consumption of
	dealers, and other	scrap resulting from	purchased and	dealers, and other	scrap resulting from	purchased and
Region and state	outside sources	current operations)	home scrap 3/	outside sources	current operations)	home scrap 3/
Mid-Atlantic and New England:		•	*		•	•
New Jersey, New York	94	5	100	560	33	610
Pennsylvania	290	200	520	1,800	1,300	3,200
Total	380	210	620	2,300	1,300	3,800
North Central:						
Illinois	320	89	420	2,000	630	2,600
Indiana	270	370	620	1,600	2,300	3,800
Iowa, Minnesota, Missouri,						
Nebraska, Wisconsin	190	17	210	1,100	99	1,200
Michigan	200	62	250	1,100	370	1,400
Ohio	410	170	580	2,600	940	3,500
Total	1,400	710	2,100	8,300	4,300	13,000
South Atlantic:						
Delaware, Maryland, Virginia,						
West Virginia	140	75	210	880	460	1,300
Florida, Georgia, North						
Carolina, South Carolina	180	19	200	1,000	110	1,100
Total	320	94	410	1,900	570	2,500
South Central:						
Alabama, Kentucky,						
Mississippi, Tennessee	260	89	370	1,600	470	2,100
Arkansas, Louisiana,						
Oklahoma, Texas	640	59	790	3,800	340	4,500
Total	900	150	1,200	5,500	810	6,600
Mountain and Pacific:						
California, Colorado, Oregon,						
Utah, Washington	290	57	370	1,600	360	2,000
Grand total	3,300	1,200	4,600	20,000	7,400	27,000

^{1/} Data are rounded to two significant digits; may not add to totals shown. 2/ Includes manufacturers of raw steel that also produce steel castings.

^{3/} Includes recirculating scrap and home-generated obsolete scrap.

 ${\it TABLE~4}$ RECEIPTS OF IRON AND STEEL SCRAP, 1/ BY REGION 2/ AND GRADE, FOR STEEL PRODUCERS 3/ 4/

(Thousand metric tons)

			June 1996				,	Year to date		
	Mid-Atlantic				Mountain	Mid-Atlantic				Mountain
	and	North	South	South	and	and	North	South	South	and
Item	New England	Central	Atlantic	Central	Pacific	New England	Central	Atlantic	Central	Pacific
Carbon steel:	-									
Low-phosphorus plate and										
punchings	18	11	W	W		120	100	W	W	
Cut structural and plate	38	91	64	62	W	240	570	370	390	140
No. 1 heavy melting steel	46	210	35	160	45	290	1,300	200	1,100	220
No. 2 heavy melting steel	12	130	31	150	59	79	790	180	940	310
No. 1 and electric furnace										
bundles	37	350	28	62	6	220	2,200	160	350	39
No. 2 and all other bundles	8	43	7	31	12	51	240	40	170	77
Electric furnace 1 foot and										
under (not bundles)	W	(5/)		W		W	3		W	
Railroad rails	W	2		W	5	W	10		19	32
Turnings and borings	27	33	28	82	5	140	190	150	470	24
Slag scrap	9	39	W	12	2	54	210	W	76	7
Shredded and fragmentized	42	190	64	180	81	260	1,100	370	1,100	430
No. 1 busheling	61	120	27	100	8	380	760	160	520	61
Steel cans (Post consumer)	W	8	5	W	(5/)	W	40	31	12	2
All other carbon steel scrap	16	91	5	29	4	93	560	30	190	39
Stainless steel scrap	45	W				280	W			
Alloy steel scrap	9	4		W		53	30	(5/)	W	
Ingot mold and stool scrap	W	1	W			W	1	W		
Machinery and cupola cast iron		6		1			32		W	
Cast iron borings	W	W		6		W	W		35	
Motor blocks	(5/)		W			(5/)		W		
Other iron scrap	W	15	W	W	(5/)	W	W	W	W	1
Other mixed scrap	W	21	W	W	36	W	120	W	W	220
Total	380	1,400	320	900	290	2,300	8,300	1,900	5,500	1,600

W Withheld to avoid disclosing company proprietary data; included in "Total."

^{1/} Scrap received from brokers, dealers, and other outside sources.

^{2/} A breakout of the States within each region is provided in Table 3.

^{3/} Includes manufacturers of raw steel that also produce steel castings.

^{4/} Data are rounded to two significant digits; may not add to totals shown.

^{5/} Less than 1/2 unit.

 ${\it TABLE~5}$ CONSUMPTION OF IRON AND STEEL SCRAP 1/ BY REGION 2/ AND GRADE, FOR STEEL PRODUCERS 3/

(Thousand metric tons)

			June 1996				•	Year to date		
	Mid-Atlantic				Mountain	Mid-Atlantic				Mountain
	and	North	South	South	and	and	North	South	South	and
Item	New England	Central	Atlantic	Central	Pacific	New England	Central	Atlantic	Central	Pacific
Carbon steel:						-				
Low-phosphorus plate and										
punchings	18	10	W	W		110	76	W	\mathbf{W}	
Cut structural and plate	57	130	86	54	W	320	720	500	390	170
No. 1 heavy melting steel	91	410	63	220	95	570	2,400	380	1,200	500
No. 2 heavy melting steel		160	29	190	56	130	930	170	1,100	310
No. 1 and electric furnace	_									
bundles	52	410	30	65	6	330	2,600	180	370	41
No. 2 and all other bundles	9	37	8	31	16	54	230	43	180	80
Electric furnace 1 foot and										
under (not bundles)	W	8		W		W	47		\mathbf{W}	
Railroad rails	W	W		W	5	W	10		W	33
Turnings and borings		44	28	95	6	180	260	150	490	26
Slag scrap		120	18	36	2	140	750	100	220	7
Shredded and fragmentized	68	220	77	260	76	420	1,300	460	1,500	450
No. 1 busheling		130	26	W	9	400	750	160	530	66
Steel cans (Post consumer)	W	11	5	W	(4/)	W	57	28	13	2
All other carbon steel scrap	42	240	16	71	11	260	1,600	95	400	W
Stainless steel scrap		17				500	56		1	
Alloy steel scrap		32		3		120	210		21	
Ingot mold and stool scrap	6	W		W	W	W	W		10	W
Machinery and cupola cast iron		W		1			W		\mathbf{W}	
Cast iron borings	(4/)	W		6		W	W		36	
Motor blocks	(4/)		W			(4/)		W		
Other iron scrap	W	42	W	9	W	W	230	W	40	W
Other mixed scrap	12	40	W	8	56	72	220	W	54	260
Total	620	2,100	410	1,200	370	3,800	13,000	2,500	6,600	2,000

W Withheld to avoid disclosing company proprietary data; included in "Total."

^{1/} Data are rounded to two significant digits; may not add to totals shown.

^{2/} A breakout of the States within each region is provided in Table 3.

^{3/} Includes manufacturers of raw steel that also produce steel castings.

^{4/} Less than 1/2 unit.

TABLE 6 U.S. EXPORTS OF IRON AND STEEL SCRAP 1/ BY SELECTED REGION AND COUNTRY $2 \slash$

(Thousand metric tons and thousand dollars)

	May 19	96	Year to d	ate
Region and country	Quantity	Value	Quantity	Value
North and South America:				
Canada	115	16,300	506	73,800
Mexico	116	14,800	504	66,400
Venezuela	31	3,900	94	12,100
Other	3	387	46	6,800
Total	265	35,400	1,150	159,000
Africa, Europe, and Middle East:				
Belgium			(3/)	42
Italy	1	551	7	5,940
South Africa	1	600	4	2,930
Spain	5	3,750	26	22,000
Turkey	71	16,800	370	54,800
Other	2	1,250	18	9,900
Total	79	22,900	425	95,600
Asia, Australia, and Oceania:				
Australia	(3/)	95	(3/)	252
China	10	3,280	91	21,900
Hong Kong	9	2,170	43	11,100
India	24	3,630	53	8,570
Japan	4	3,860	74	22,800
Korea, Republic of	250	34,800	1,420	209,000
Malaysia	104	14,100	211	28,600
Pakistan	(3/)	11	1	1,100
Taiwan	19	4,740	119	22,100
Thailand			81	11,500
Other	1	407	5	2,350
Total	420	67,100	2,090	339,000
Grand total	764	125,000	3,670	594,000

^{1/} Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats and other vessels for scrapping. Export valuation is on a "free alongside ship" (f.a.s.) basis.

^{2/} Data are rounded to three significant digits; may not add to totals shown.

^{3/} Less than 1/2 unit.

TABLE 7 U.S. EXPORTS 1/ OF IRON AND STEEL SCRAP 2/ BY REGION AND SELECTED CUSTOMS DISTRICT 3/

(Thousand metric tons and thousand dollars)

	May 199	6	Year to date		
Region and customs district	Quantity	Value	Quantity	Value	
Canadian-American Border:					
Buffalo, NY	8	3,240	36	14,100	
Detroit, MI	24	4,570	97	19,800	
Duluth, MN	25	2,710	45	5,030	
Pembina, ND	13	1,440	122	14,300	
Other 4/	46	4,460	207	20,600	
Total	116	16,400	507	73,900	
East Coast:					
Boston, MA	104	14,100	290	38,000	
Miami, FL	12	4,880	63	11,600	
New York, NY	99	20,000	422	69,600	
Norfolk, VA	9	953	96	12,500	
Philadelphia, PA	44	5,540	94	11,800	
Portland, ME	(5/)	17	90	11,400	
Providence, RI	74	9,350	215	27,900	
Other	2	1,080	15	5,680	
Total	344	56,000	1,280	189,000	
Gulf Coast & Mexican-American					
Border (includes Caribbean territories):					
Houston-Galveston, TX	1	592	21	12,200	
Laredo, TX	50	6,200	226	28,400	
New Orleans, LA			35	18,600	
Tampa, FL	39	5,200	219	28,100	
Other	10	1,450	37	6,340	
Total	99	13,400	536	93,700	
West Coast:					
Honolulu, HI, and Anchorage, AK	15	2,310	70	10,300	
Columbia-Snake	1	754	42	8,070	
Los Angeles, CA	70	14,200	523	94,100	
San Diego, CA	17	2,180	86	11,000	
San Francisco, CA	98	18,600	477	90,700	
Seattle, WA	4	1,440	145	23,600	
Total	205	39,500	1,340	238,000	
Grand total	764	125,000	3,670	594,000	

^{1/}Re-export activity for May 1996 amounted to 1,330 metric tons valued at \$471,000; year to date amounted to 3,670 metric tons valued at \$975,000.

^{2/} Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats and other vessels for scrapping. Export valuation is on a "free alongside ship" (f.a.s.) basis.

^{3/} Data are rounded to three significant digits; may not add to totals shown.

^{4/} Includes Code 70, which is for low-valued exports from the U.S. to Canada.

^{5/} Less than 1/2 unit.

 ${\bf TABLE~8}$ U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE 1/ 2/

(Thousand metric tons and thousand dollars)

	May 19	96	Year to date		
Item	Quantity	Value	Quantity	Value	
No. 1 heavy melting steel	191	25,300	842	113,000	
No. 2 heavy melting steel	32	3,660	241	30,100	
No. 1 bundles	1	201	54	6,620	
No. 2 bundles	14	1,440	89	10,100	
Shredded steel scrap	226	38,400	1,160	166,000	
Borings, shovelings and turnings	27	2,890	100	10,100	
Cut plate and structural	67	9,270	240	31,800	
Tinned iron or steel	4	1,370	28	11,200	
Remelting scrap ingots	(3/)	30	(3/)	173	
Cast iron	67	6,860	290	32,100	
Other iron and steel	55	9,760	274	48,800	
Total carbon steel and cast iron	686	99,200	3,320	459,000	
Stainless steel	20	15,900	112	92,700	
Other alloy steel	58	10,300	238	41,900	
Total stainless and alloy steel	78	26,100	350	135,000	
Total carbon, stainless, alloy steel and					
cast iron	764	125,000	3,670	594,000	
Ships, boats, and other vessels for					
breaking up (for scrapping)	(3/)	25	10	1,020	
Used rails for rerolling and other uses	1	316	6	1,730	
Total scrap exports	766	126,000	3,680	597,000	
Exports of manufactured					
ferrous products:					
Pig iron < or = 0.5% phosphorus	4	442	21	2,190	
Pig iron > 0.5% phosphorus	(3/)	109	4	887	
Alloy pig iron					
Total pig iron	5	551	26	3,070	
Direct-reduced iron (DRI)	(3/)	50	1	114	
Spongy iron products, not DRI	(3/)	299	2	1,400	
Granules for abrasive cleaning and					
other uses	2	1,300	11	6,930	
Powders of alloy steel	(3/)	1,480	2	7,730	
Other ferrous powders	3	4,800	12	19,600	
Total DRI, granules and powders	7	7,940	29	35,800	
Grand total	777	134,000	3,740	635,000	

^{1/} Export valuation is on a "free alongside ship" (f.a.s.) basis.

Source: Bureau of the Census.

TABLE 9 U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP 1/2/BY SELECTED COUNTRY

(Thousand metric tons and thousand dollars)

	May 19	May 1996			
Country	Quantity	Value	Quantity	Value	
Argentina	(3/)	200	(3/)	233	
Canada	176	22,500	791	105,000	
Japan		682	26	4,230	
Mexico	10	3,040	58	13,400	
Venezuela		2,710	59	5,930	
Other	(3/)	238	143	15,500	
Total	227	29.400	1,080	145,000	

^{1/} Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats and other vessels for scrapping. Import valuation is on a customs basis.

^{2/} Data are rounded to three significant digits; may not add to totals shown.

^{3/} Less than 1/2 unit.

^{2/} Data are rounded to three significant digits; may not add to totals shown.

^{3/} Less than 1/2 unit.

${\it TABLE~10}\\ {\it U.S.~IMPORTS~FOR~CONSUMPTION~OF~IRON~AND~STEEL~SCRAP~1/~2/}\\ {\it BY~SELECTED~CUSTOMS~DISTRICT}$

(Thousand metric tons and thousand dollars)

	May 19	96	Year to	late
Customs district	Quantity	Value	Quantity	Value
Buffalo, NY	38	5,250	195	30,600
Cleveland, OH	4	570	22	2,930
Detriot, MI	131	14,900	445	55,800
El Paso, TX	4	1,070	19	3,000
Great Falls, MT	2	240	9	1,020
Laredo, TX	5	1,520	28	8,150
Ogdensburg, NY	1	320	6	1,910
Portland, NE	1	120	5	606
San Diego, CA	2	505	12	2,270
Seattle, WA	38	4,060	165	17,700
Other	1	800	172	20,500
Total	227	29,400	1,080	145,000

¹/Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats and other vessels for scrapping. Import valuation is on a customs basis.

Source: Bureau of the Census.

 ${\it TABLE~11} \\ {\it U.S.~IMPORTS~OF~IRON~AND~STEEL~SCRAP~AND~OTHER~FERROUS~PRODUCTS~BY~GRADE~1/~2/} \\$

(Thousand metric tons and thousand dollars)

No. 1 heavy melting steel 5 533 90 10,900 No. 2 heavy melting steel 2 177 10 1,230 No. 1 bundles 19 2,110 92 9,830 No. 2 bundles 3 338 9 1,080 Shredded steel scrap 8 997 33 4,520 Borings, shovelings and turnings 9 781 47 4,320 Cut plate and structural 23 1,190 34 2,640 Tinned iron or steel 1 106 6 83 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total carbon, stainless, a		May 19	96	Year to date p/ 3/		
No. 2 heavy melting steel 2 177 10 1,230 No. 1 bundles 19 2,110 92 9,830 No. 2 bundles 3 338 9 1,080 Shredded steel scrap 8 997 33 4,520 Borings, shovelings and turnings 9 781 47 4,320 Cut plate and structural 23 1,190 34 2,640 Timed iron or steel 1 106 6 839 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel and cast iron 227 29,400 1,080 145,000	Item	Quantity	Value	Quantity	Value	
No. 1 bundles 19 2,110 92 9,830 No. 2 bundles 3 338 9 1,080 Shredded steel scrap 8 997 33 4,520 Borings, shovelings and turnings 9 781 47 4,320 Cut plate and structural 23 1,190 34 2,640 Tinned iron or steel 1 106 6 839 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel and cast iron 233 5,610 173 22,600 Total stainless and alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) - - -	No. 1 heavy melting steel	5	533	90	10,900	
No. 2 bundles 3 338 9 1,080 Shredded steel scrap 8 997 33 4,520 Borings, shovelings and turnings 9 781 47 4,320 Cut plate and structural 23 1,190 34 2,640 Tinned iron or steel 1 106 6 839 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Other iron and steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) - - - (3/) 7 Used rails for rerolling and other uses 5 1	No. 2 heavy melting steel	2	177	10	1,230	
Shredded steel scrap 8 997 33 4,520 Borings, shovelings and turnings 9 781 47 4,320 Cut plate and structural 23 1,190 34 2,640 Tinned iron or steel 1 106 6 839 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Imports of manufactured ferrous products.	No. 1 bundles	19	2,110	92	9,830	
Borings, shovelings and turnings 9 781 47 4,320 Cut plate and structural 23 1,190 34 2,640 Tinned iron or steel 1 106 6 839 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel and cast iron 33 5,610 173 22,600 Total carbon, stainless, alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous produc	No. 2 bundles	3	338	9	1,080	
Cut plate and structural 23 1,190 34 2,640 Tinned iron or steel 1 106 6 839 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 5 1,430 64 13,000 Pig iron > 0.5% phosphorus 190	Shredded steel scrap	8	997	33	4,520	
Cut plate and structural 23 1,190 34 2,640 Tinned iron or steel 1 106 6 839 Remelting scrap ingots 1 162 26 5,120 Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 5 1,430 64 13,000 Pig iron > 0.5% phosphorus 190	Borings, shovelings and turnings	9	781	47	4,320	
Remelting scrap ingots		23	1,190	34	2,640	
Cast iron 15 2,000 84 11,900 Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel 37 7,610 195 35,100 Total carbon, stainless, alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 190 300,000 966 153,000 Pig iron < 07 = 0.5% phosphorus	Tinned iron or steel	1	106	6	839	
Other iron and steel 106 13,400 452 57,000 Total carbon steel and cast iron 190 21,800 882 109,000 Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Imports of manufactured ferrous products: 232 30,800 1,140 158,000 Pig iron < or = 0.5% phosphorus	Remelting scrap ingots	1	162	26	5,120	
Total carbon steel and cast iron 190 21,800 882 109,000	Cast iron	15	2,000	84	11,900	
Stainless steel 4 2,000 22 12,600 Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel 37 7,610 195 35,100 Total carbon, stainless, alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 190 300,000 966 153,000 Pig iron < 0r = 0.5% phosphorus	Other iron and steel	106	13,400	452	57,000	
Other alloy steel 33 5,610 173 22,600 Total stainless and alloy steel 37 7,610 195 35,100 Total carbon, stainless, alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 190 300,000 966 153,000 Pig iron < or = 0.5% phosphorus	Total carbon steel and cast iron	190	21,800	882	109,000	
Total stainless and alloy steel 37 7,610 195 35,100 Total carbon, stainless, alloy steel and cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 9 190 300,000 966 153,000 Pig iron < or = 0.5% phosphorus	Stainless steel	4	2,000	22	12,600	
Total carbon, stainless, alloy steel and cast iron 227 29,400 1,080 145,000	Other alloy steel	33	5,610	173	22,600	
cast iron 227 29,400 1,080 145,000 Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 33 4,840 Pig iron < 0.5% phosphorus	Total stainless and alloy steel	37	7,610	195	35,100	
Ships, boats, and other vessels for breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 8 190 300,000 966 153,000 Pig iron < or = 0.5% phosphorus	Total carbon, stainless, alloy steel and					
breaking up (for scrapping) (3/) 7 Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: Pig iron < or = 0.5% phosphorus	cast iron	227	29,400	1,080	145,000	
Used rails for rerolling and other uses 5 1,430 64 13,000 Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 8 8 1,140 158,000 Pig iron < or = 0.5% phosphorus	Ships, boats, and other vessels for					
Total scrap imports 232 30,800 1,140 158,000 Imports of manufactured ferrous products: 8 190 300,000 966 153,000 Pig iron > 0.5% phosphorus 33 4,840 Alloy pig iron 1,510 407,000 32,500 4,540,000 Total pig iron 190 303,000 999 162,000 Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	breaking up (for scrapping)			(3/)	7	
Imports of manufactured ferrous products: Pig iron < or = 0.5% phosphorus 190 300,000 966 153,000 Pig iron > 0.5% phosphorus 33 4,840 Alloy pig iron 1,510 407,000 32,500 4,540,000 Total pig iron 190 303,000 999 162,000 Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 Total DRI, granules and powders 66 17,600 471 103,000 471 103,000 471 103,000 471 103,000 471 103,000 471 103,000 471 103,000 471 103,000 471 103,000 471 103,000 471 47	Used rails for rerolling and other uses	5	1,430	64	13,000	
ferrous products: Pig iron < or = 0.5% phosphorus 190 300,000 966 153,000 Pig iron > 0.5% phosphorus 33 4,840 Alloy pig iron 1,510 407,000 32,500 4,540,000 Total pig iron 190 303,000 999 162,000 Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Total scrap imports	232	30,800	1,140	158,000	
Pig iron < or = 0.5% phosphorus 190 300,000 966 153,000 Pig iron > 0.5% phosphorus 33 4,840 Alloy pig iron 1,510 407,000 32,500 4,540,000 Total pig iron 190 303,000 999 162,000 Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Imports of manufactured	-				
Pig iron > 0.5% phosphorus 33 4,840 Alloy pig iron 1,510 407,000 32,500 4,540,000 Total pig iron 190 303,000 999 162,000 Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	ferrous products:					
Alloy pig iron 1,510 407,000 32,500 4,540,000 Total pig iron 190 303,000 999 162,000 Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Pig iron < or = 0.5% phosphorus	190	300,000	966	153,000	
Total pig iron 190 303,000 999 162,000 Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Pig iron > 0.5% phosphorus			33	4,840	
Direct-reduced iron (DRI) 56 7,600 389 49,900 Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Alloy pig iron	1,510	407,000	32,500	4,540,000	
Spongy iron products, not DRI (3/) 41 24 2,050 Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Total pig iron	190	303,000	999	162,000	
Granules for abrasive cleaning and other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Direct-reduced iron (DRI)	56	7,600	389	49,900	
other uses 2 1,240 9 5,450 Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Spongy iron products, not DRI	(3/)	41	24	2,050	
Powders of alloy steel 2 2,860 9 13,200 Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	Granules for abrasive cleaning and					
Other ferrous powders 6 5,890 39 32,000 Total DRI, granules and powders 66 17,600 471 103,000	other uses	2	1,240	9	5,450	
Total DRI, granules and powders 66 17,600 471 103,000	Powders of alloy steel	2	2,860	9	13,200	
	Other ferrous powders	6	5,890	39	32,000	
Grand total 489 352,000 2,610 423,000	Total DRI, granules and powders	66	17,600	471	103,000	
	Grand total	489	352,000	2,610	423,000	

^{1/} Import valuation is on a customs basis.

^{2/} Data are rounded to three significant digits; may not add to totals shown.

^{2/} Data are rounded to three significant digits; may not add to totals shown.

^{3/} Less than 1/2 unit.